CLAIMS

What is claimed is:

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formed from a sheet of aluminum.

1	1. A composite heat sink device for surface mounting to a circuit board,
2	said device comprising:
3	a heat sink body consisting essentially of aluminum, said body comprising at
4	least one mounting land with a substantially planar surface, and
5	a thermally conductive solderable element mechanically fixed to each said
6	mounting land, each said element having a first planar surface which is contiguous with at least
7	one said planar surface of said heat sink body and an opposed second planar surface for
	soldering to said circuit board.
ŧ	2. A composite heat sink device as in claim 1 wherein said heat sink body
2	has two of said lands, said substantially planar surfaces being coplanar.
Ī.	3. A composite heat sink device as in claim 2 wherein said body comprises
<u>)</u>	a heat dissipating fin upstanding from each of said lands, and a bight upstanding from said
	lands between said fins.
Ē.	4. A composite heat sink device as in claim 3 wherein said bight has a
2	planar section which is parallel to said lands and intended to be arranged over an electronic
}	device on said circuit board.

1 6. A composite heat sink device as in claim 5 wherein said heat sink body is 2 formed from a sheet of anodized aluminum.

A composite heat sink device as in claim 1 wherein said heat sink body is

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- 7. A composite heat sink device as in claim 6 wherein said anodized aluminum is blackened.
- 1 8. A composite heat sink device as in claim 1 wherein said heat sink body is 2 extruded.
 - 9. A composite heat sink device as in claim 1 wherein said element is mechanically fixed to said land by providing at least one projection on said land, providing at least one socket in each said element, and inserting each said projection into a respective at least one socket in an interference fit.
 - 10. A composite heat sink device as in claim 9 wherein the element is swaged onto the land.